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AUTHOR Stauffer, A. J.
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ABSTRACT

A program implemented in the University System of Georgia to assist women and minorities advance in educational research is described. The program is one of individually guided research and each participant is free to select individual objectives, topics, research procedures, rate of progress, and outcomes. Program participants are predominantly faculty members and a limited number are reentry doctorate students. Program personnel consist of a policy advisory board, mentors, and the professional participants. Program resources and guidance offered by the mentors are designed to assist participants in: identifying problems, searching the literature (Dialog), designing an experiment, sampling procedures, procuring samples, evaluating and selecting measures, gathering and processing data, preparing presentations, writing and editing research articles, preparing proposals, and managing projects. Outcomes of the first year of program operation are indicated in terms of number of articles published or in review, number of proposals funded or in review, number of presentations, and earned doctorates. A list of participants, activities, and progress by category and mentor is included, along with criteria for the selection of participants and information on stipends. (SW)

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An Individually Guided Research Program for the Advancement of Women/Minority Persons in Educational Research

A. J. Stauffer
University of Georgia

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Introduction

The purpose of the program is to provide the participants with advice, guidance and assistance so as to advance in educational research. Along with the primary purpose, there are three accompanying secondary purposes:

to identify obstructions which women and minority persons encountered in conducting research,

to begin the process of equalization of the four year college faculties in the University System of Georgia, and

to improve the student learning environments in the institutions having participants in the program.

The professional participants are predominantly faculty members in those institutions taking part in the program. A limited number of re-entry doctorate students of the University are members of the program. The participants select their unique objectives. Among their objectives are to publish research articles, make presentations at professional meetings, write proposals and secure grants, complete the doctorate dissertation, achieve graduate faculty status and obtain promotions in rank.

Program and Procedures

The program is one of individually guided research. Many of the processes contained in the Individual Guided Education (IGE), as supported by the Institute for the Development of Education activity (Paden, 1969), were, if relevant, applied in this program. Each participant is free to select individual objectives, topics, research procedures, rate of progress and outcomes. (See Table 1 for listing of participants, mentors and topics)

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The personnel of the program consists of a Policy Advisory Board, Mentors and Professional Participants. The Policy Advisory Board membership includes an Associate Vice President for Instruction, two Education Division Chairpersons, a representative of the State Department of Education, a Professional Participant in the Program and the Program Director. The Board performs the functions of establishing policy and specifying procedures.

There are six Mentors. The Mentors range from a Division Chairperson, a Laboratory Director to a very capable Assistant Professor. The Mentors provide advice, guidance and assistance as required by their participants.

The Professional Participants have been generally described (above). More specifically, they are predominantly women and minority persons. There are 26 women and minority persons, this count includes six minority women (counted twice) among the total of 30 participants. The criteria for selecting the participants are:

potential to do educational research

potential to advance in the home institution

interest in pursuing women and minority persons studies.

The judgement of the immediate supervisor is combined with the result of an interview of the applicant by the Program Director for the final decision regarding admission into the Program. (See Table 2 for listing of participants selected during second year of program)

The guidance offered by the Mentors and the resources of the program assist all participants in:

identifying problems

searching the literature (Dialog)

designing an experiment

sampling procedures

procuring samples

evaluating and selecting measures

gathering and processing data

preparing presentations

writing and editing research articles

preparing proposals, and

managing projects.

Workshops on each topic are conducted upon request of a sufficient number of participants.

The financial support offered participants from other campuses is an amount of $1800 per participant each year. The stipends are for such purposes as travel, per diem, time, research expenses and such items. The support for local campus participants is the release from teaching one course and a research expense allowance of one hundred dollars.

The outcomes of the first year of program operation included the following:

6 - articles published

6 - articles in review

3 - funded proposals

5 - proposals in review

8 - presentations

2 - earned doctorates

The outcomes for the second year should increase over the first. During the first five months of the second year the program has approximately matched the first year's outcome in presentations and earned doctorates. Five articles are in preparation for a special issue of the Journal of Negro Education. These are indications that the progress will continue to increase.

Reference

Paden, J. S., Development of an implementational strategy. Dayton: Institute for the Development of Educational Activities, Charles F. Kettering, 1969.

Table 1

A Listing of Professional Participant, First Year Activities and Progress by Category and Mentor

Table 2

Professional Participants Added to Program During Second Year and Selected Topics

Table 1

A Listing of Professional Participant, First Year Activities and Progress by Category and Mentor

Participant/Department/College	Category	Mentor	Study Title	Phase of Developme
Dr. Robert Aaron Reading Education, UGA	MW	Stauffer	1. Analysis of the Estes Scale when used as a Measure of the Reading aptitude of Minority Students	Completed, Accepte Reading Improvemen
			2. Reinforcement Practice as a Function of Teachers and Pupil Race During Group Instruction	Submitted, Journal of Ed. Psy.
			3. Retention of Sight Vocabulary at Three time Intervals & Intelligence Groups	Write-up
			4. Presentation: Analysis of the Estes Scale when used as a Measure of the Reading aptitude of Minority Students	Completed
Ms. Eva Adams Social Science Education, FVSC	FB	Richardson	1. Education of Black Georgiana Prior to 1861	Completed
			2. Presentation: Education of Black Georgians Prior to 1861. Georgia State Committee on Black History and Culture	Completed
Dr. Joan Berryman Social Science Education, UGA	FW	Klein	1. Cross-validation of the Attitudes Toward Mainstreaming Scale. Ga. Ed. Rsch. Assn.	Completed, Accepte Educ. & Psychol. Measurement
			Presentation: Validity of the Attitudes Toward Mainstreaming Scale	Completed
Dr. Mary Compton Elementary Education, UGA	FW	Klein	1. Content Analysis of Realistic Novels as Related to Problems of Early Adolescence	Completed
			2. Television Viewing Preferances of Early Adolescence	Data Processing
Dr. Patricia Dwinell Educational Psychology, UGA	FW	Richardson	Dissertation: An Assessment of Career Development of Females Age 35 and Above Enrolled in Higher Education in UGA	Completed
Dr. Mary Frasier Educational Psychology, UGA	FB	Payne	1. Determining Competencies in Measures Needed by Teachers of the Gifted Student	Data Analysis
			2. Biographical Analysis of Achievement of Minority Persons	Planning

Participant/Department/College	Category	Mentor	Study Title	Phase of Developme
Dr. Ronald Harper Vocational Education, UGA	MW	Stauffer	1. Establishment of a Vocational Education Job Opportunity Network	Planning
Dr. Robert Heslep Philosophy of Education, UGA	MW	Bashaw	1. An alternate approach in the Selection of Blacks for Higher Education	Data Collection
Dr. McDonald Huff Guidance and Counseling, FVSC	MB	Strange/ Ibem/ Stauffer	1. Societal Implications of the Recent Popularity of Therapy Groups	Completed, Accepte FVSC contribution Education
			2. An Analysis of the Developmental Task Achievement of Handicapped Black College Students	Data Collection
Dr. Vivian Kendricks Home Economics Educ., FVSC	FB	Bashaw	1. Employment Practices of Administrators in Colleges & Universities of the University System of Georgia	Data Collection
Dr. Carolyn Lehr Health & Physical Educ., UGA	FW	Del Rey	1. An Investigation to Determine the Sex of Coaches in Intercollegiate Athletes for Women	Data Processing
Dr. Curtis Martin Physical Education, FVSC	MW	Del Rey	1. Information Feedback in Teaching Motor Skills in Elementary Education	Data Interpretatio
			2. Stress on Athletes that Did Not Make the Team	Planning
			3. Presentation: Attitude of Teacher and Administrators Toward Females Participating in Sports. Ga. State Univ. Conf.	Completed
Dr. Ronald McFadden Special Studies, UGA	MB	Payne	1. A Study of Attitudes of Georgia High School Students Toward College and Reasons for Attending Georgia	Data Processing
			2. A Survey of Developmental and Remedial Educational Programs in the Southeast	Data Collection
			3. Proposal: The Establishment of a Center to Study African and African-American Affairs at the University of Georgia	Negotiating

Participant/Department/College	Category	Mentor	Study Title	Phase of Developmer
Dr. Ronald McFadden (continued)			4. Proposal: The Effects of Socio-Economic Background Positive and/or Negative Human Relations, Environmental Conditions and Mastery of Humanities Related Skills on Propersity of Black Student for Study of Biomedical Sciences	Funded
Dr. Rosemary McMahan Health & Physical Educ., UGA	FW	Klein	1. Survey of Physical Education Majors Clubs Throughout the United States	Data Processing
			2. The Cross-Validation of Attitudes Toward Sportsmanship Questionnaire	Data Collection
			3. The Effect of Sex and Grade Level on the Self Control, Honesty and Fair Play Factor Scores of the Sportsmanship Questionnaire	Write-up
			4. The Development of an Instrument for Assessing Sportsmanship Attitude	Revising Article
			5. Presentation: The Development of an Instrument for Assessing Sportsmanship Attitude. Ga. Ed. Rsch. Assn.	Completed
Dr. Elizabeth Milliken Vocational Education, UGA	FW	Stauffer	1. A Survey of the Membership in the Health Occupations Education Division of American Vocational Association	Data Analysis
			2. Proposal: Involvement of Handicapped Students in Health Occupations Program in Georgia (with Dr. Michelle Sarkees)	Preparation
Ms. Ligaya Paguio Home Economics, UGA	FP	Klein/ Richardson	1. Dissertation: Sex Difference in Perception of Mothers and Fathers of Ideal Child	Data Processing, (Chapters 1,2,3 Completed)
Mr. Edward Pierce Reading Education, FVSC	MW	Strange/ Ibem/ Stauffer	1. Dissertation: The Influence of Test Anxiety and Cultural Background on Reading Achievement and Attitude of Intermediate Grade Menominee Indians	Write-up, (Chapter 1,2,3 Completed, 4 and 5 in Rough Dra
Dr. William Powell Elementary Education, UGA	MW	Payne	1. Discipline Problems of Adolescences	Data Processing

Participant/Department/College	Category	Mentor	Study Title	Phase of Developme
Ms. Ann Robinson Special Studies, FVSC	FB	Strange/ Ibem/ Stauffer	1. Dissertation: Comparison of Reading Achievement of Elementary School Students in Classrooms Integrated and Segregated by Sex	Data Collection
Dr. Michelle Sarkees Vocational Education, UGA	FW	Klein	1. Special Needs of Students in Trade and Industrial Programs: National Survey (with Dr. John Scott)	Data Collection
			2. Proposal: Involvement of Handicapped Students in Health Occupations Programs in Georgia (with Dr. Elizabeth Milliken)	Preparation
Dr. John L. Scott Vocational Education, UGA	MW	Klein	1. Special Needs of Students in Trade and Industrial Programs (with Dr. Michelle Sarkees)	Data Collection
Dr. Paul Scott Vocational Education, UGA	MW	Stauffer	1. The Effectiveness of a Curriculum Based Vocational Guidance Program: National Survey	Data Collection
			Presentation: A Catalog of Tasks, Performance Objective.Performance Guides Tools and Equipment for Radio Technicians and Radio Graphers. Ga. State Dept. Educ.	Completed
Dr. Patricia Soares Health & Physical Educ., UGA	FW	Klein	1. Georgia Health Related Physical Fitness Test	Final Revision
			2. Validation Study of Non Attitude Scale	Planning
Dr. Curtis Spikes Coordinator, Testing Pro., FVSC	MB	Bashaw	1. Dissertation: Establishment of a Testing Program at Fort Valley State College	Completed
			2. Proposal: A Study on the Development of Basic Mathematics Skills	Submitted NSF
Dr. Helen Taylor Business Education, UGA	FW	Stauffer	1. Status of Women in Management	Data Collection
			2. Development of Materials for a High School Shorthand Course	Planning

Participant/Department/College	Category	Mentor	Study Title	Phase of Development
Dr. Sigrid Wagner	FW	Bashaw	1. Conservation of Function Under Transformations of Variable	Completed
			2. Proposal: An Investigation of the Conceptual Understanding of Mathematics Variables	Submitted NSF
			3. Presentation: Diagnosis and Prescription in Algebra. National Council for Diagnostic and Preventive Mathematics	Completed
			4. Presentation: Cognitive Development in Algebra. National Council Teachers of Mathematics	Completed
Ms. Lillie Ward Mathematics Educ., FVSC	FB	Payne	1. Dissertation: Attitude of Parents as a Function of Student Attitudes and Achievements in Mathematics	Data Collection
Dr. Mary White Physical Educ., Prairie, Univ. of Texas	FB	Del Rey	1. Psychological Androgyny of Black Female Athletes	Data Collection
Dr. Barbara Wilks Health & Physical Educ., UGA	FW	Stauffer	1. A Survey of Health Educators Regarding A Health Education Area Test in the National Teacher Examination	Accepted for Publication Journal of Health Education
			2. An Attitude Survey of Physical Education Teachers Toward Teaching Health Education	Data Collection
			3. A Letter of Public School Administrators about Health Education - J. Ga. Assn. of Middle School Principals	Completed, Accepted, J. Ga. Assn. M.S.P.
			4. Presentation: Health Education in the Middle Schools. National Association of Middle School Administrators	Completed
			5. Co-Chairperson: National Association of Health Education Committee for Study of NTE in Health Education	In-Progress
Dr. Pearline Yeatts Educational Psychology, UGA	FW	Richardson	1. Self Concept of Classroom Management	Write-up

Table 2

Professional Participants Added to Program
During Second Year and Selected Topics

Participant/Department/College	Topic
Ms. Marie Banks Mathematics Education Fort Valley State College	A Comparison of Student Achievement in Reading Between Those Students Receiving Instruction Through the Use of Content Reading Techniques and Those Receiving Instruction Through Traditional Reading Methods
Ms. Victoria Dubriel Head, Department of Foreign Language Fort Valley State College	An Identification of the Competencies Required in Measures Used to Select and Evaluate Teachers of Bilingual/ Bicultural Students
Dr. C. K. Dunson Chairman, Division of Education Albany State College	A Comparison of the Self-Concept of Experienced Teachers with Student Teachers Completing the Teacher Education Program
Dr. S. Lee Galda Language Education University of Georgia	Developmental Factors in Children Responses to Literature (Proposal to National Institute of Education)
Ms. Margaret Greer Education Psychology University of Georgia	The Development of a Selection Procedure for U.S. Navy Supply Officers (Proposal to Office of Naval Research)
Ms. Gail Lewis Educational Psychology University of Georgia	Hunger for Action: A Motivating Force in Creative Behavior and Juvenile Deliquency (Sponsor: Department of Justice)
Dr. Robert Marshall Director, Instructional Research Albany State College	An Investigation into the Characteristics of Successful Special Studies Programs and the Development of Procedures to Modify Other Special Studies Programs
Dr. Judy Reif Elementary Education University of Georgia	A Model for Assessing Teacher Preparation Programs

Table 2 (continued)

Participant/Department/College	Topic
Dr. Veula Rhodes History Education Albany State College	The Development of a Test to Measure the Intrinsic and Extrinsic Motivation as an Indicator of Teacher Satisfaction
Nukhet Sandwith Educational Psychology University of Georgia	Cognitive Styles Utilized by Creative Children in Learning Mathematics (Proposal to NSF)
Ms. Marian Smith Special Studies Fort Valley State College	Comparison of Mathematics Achievement of Entering Freshmen Enrolled in Special Studies Courses and Regular Courses at the Beginning and End of the School Term
Ms. Rosa Tift Chairperson, Special Studies Albany State College	An Investigation of the Precision and Interpretation of Metaphorical Language of Advantaged and Disadvantaged College Freshmen